

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

CORRECTED VERSION

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
6 May 2004 (06.05.2004)

(10) International Publication Number
WO 2004/038735 A1

(51) International Patent Classification⁷: H01B 9/02, C08K 3/00

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(21) International Application Number:
PCT/SE2003/001615

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(22) International Filing Date: 20 October 2003 (20.10.2003)

(81) Designated States (*national*): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, EG, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language: English

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(26) Publication Language: English

Published:
— with international search report

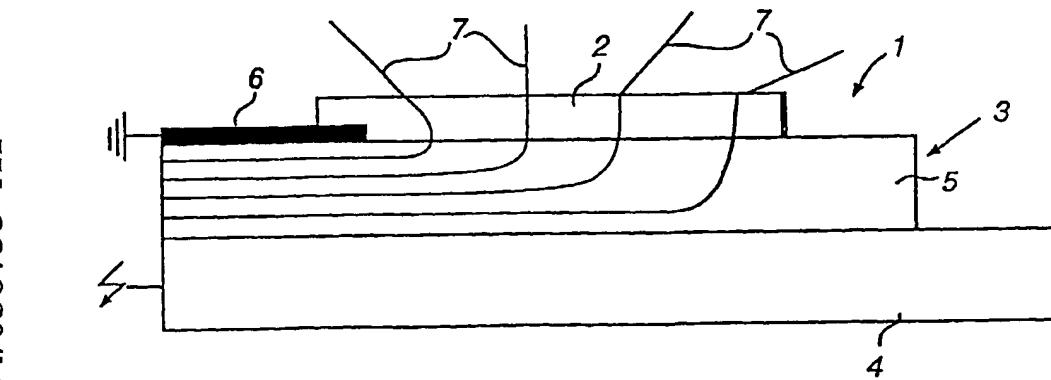
(30) Priority Data:
0203121-9 22 October 2002 (22.10.2002) SE

(48) Date of publication of this corrected version:
21 October 2004

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[Continued on next page]

(54) Title: FIELD GRADING MATERIAL



(57) Abstract: The present invention relates to a field grading material consisting of a polymeric matrix provided with a filler. The filler comprises a field grading effective amount of particles having at least one dimension smaller than or equal to 100 nm. The invention also relates to a device comprising such a field grading material for grading an electric field in high-voltage applications and a method for grading an electric field at a joint or termination of an electric power cable using such a field grading material.

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(15) **Information about Correction:**
see PCT Gazette No. 43/2004 of 21 October 2004, Section II

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 03/01615

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H01B 9/02, C08K 3/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H01B, C08K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol.199, no. 810 31 August 1998 (1998-08-31) & JP 10 116702 A (FURUKAWA ELECTRIC CO LTD) 06 May 1998 (1998-05-06) abstract see section 0002-0003-0006-0009 --	1-2,5,8-13
A	US 2002070428 A1 (BERNHOFF ET AL), 13 June 2002 (13.06.02), see section 0008-0023,0037-0038 --	1-13

 Further documents are listed in the continuation of Box C. See patent family annex.

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"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

4 December 2003

Date of mailing of the international search report

13-01-2004

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 03/01615

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>Solid Dielectrics, 2001. ISCD '01. Proceedings IEEE 7th International Conference on pages 43-45, Onneby C. et al, "Electrical properties of field grading materials influence silicon carbide grain size" ISBN:0-7803-6352-3, see page 43</p> <p>---</p> <p>-----</p>	1-13

INTERNATIONAL SEARCH REPORT
Information on patent family members

06/09/03

International application No.
PCT/SE 03/01615

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002070428 A1	13/06/02	NONE	